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(71) Applicant (for all designated States except US): **AP-
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[NL/NL]; Pietermaai 15, Curacao (AN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ANDREEV, Julian**
[US/US]; 80 Old Stone Way, Apt. 305, Weymouth, MA
02189 (US). **HEALEY, Brian** [US/US]; 137 Old Forge
Road, Scituate, MA 02066 (US). **BLUME-JENSEN,**
Peter [DK/US]; 18 Peters Street, Cambridge, MA 02319
(US). **ARKINSTALL, Stephen, J.** [GB/US]; 31 Marsh
Street, Belmont, MA 02478 (US). **DONG, Rong** [CA/US];
2 Hilltop Rd., Wellesley, MA 02482 (US).

(74) Agents: **NEVILLE, Katherine, L.** et al.; Marshall, Ger-
stein & Borun LLP, 6300 Sears Tower, 233 South Wacker
Drive, Chicago, IL 60606 (US).

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(54) Title: METHODS FOR IDENTIFYING MODULATORS OF ACTIVE KIT TYROSINE KINASE RECEPTOR

(57) Abstract: The present invention relates to cell-based assays useful for screening for modulators, such as inhibitors, of activated mutant KIT tyrosine kinase receptors, which are associated with mast cell-related disorders, such as mastocytosis and various types of cancer. The invention further provides for the treatment of mast cell-related disorders with an inhibitor identified by the screening method.

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